

PRIMERGY / PRIMEPOWER Rack Console RC22

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Flexible rack-console in a single height unit

Highlights

- Occupies only one height unit
- 15" TFT flat screen display
- 16.7 million colors, 1024 x 768, 32-bit pixels
- Keyboard, touchpad
- Connection for PS/2 and USB
USB not suitable for PRIMEPOWER
- Keyboard is Microsoft® Windows® compatible
- Integrated bicolor touchpad, lighter-colored spot provides right mouse button click
- Telescopic rails with variable depth from 670 to 860 mm
- Integrated cable management
- Deactivation of the "double click" function

Positioning

Mounting servers and their extension components in 19" racks ensures reliable operation and simplified maintenance. For administration and operation, a monitor and a keyboard are required, often connected via a console switch to the various servers in one rack.

A standard 15" monitor usually takes up eight height units of valuable space, and the keyboard at least an additional height unit. These units could be put to better use to accommodate more servers or storage subsystems, or a UPS. With the RC22 rack console, Fujitsu Siemens provides a means of doing this and at the same time helps create an ergonomically optimized workplace.

The 19" rack console is implemented as a slide-in tray and occupies only a single height unit in a rack. It contains a 15" TFT display, a complete keyboard and an additional touchpad.

Concept

The 19" rack console combines the monitor and keyboard into a single functional unit. The TFT display has an adjustable tilting angle and is mounted behind the keyboard with its integrated touchpad. When not in use, the monitor can be folded out of the way into the tray. The monitor is then switched off automatically to save energy and to extend the monitor's life. When pulled out, the tray locks into place. The lock can be released to push it in again.

Ergonomics

Thanks to its flicker-free operation and high resolution, the TFT display is a very ergonomic device. Additionally, the complete display unit can be mounted at the ideal working height. The operator is seated in the same position as if working at a desk. The tilt of the display can also be set to the best position.

Additional, optional functions

Many installations consist of several single servers (clusters, dedicated servers) and have to be administered from a single point of operation. In this case, a console switch can be used to switch the monitor, keyboard and mouse to different servers. This can be done using hot keys on the console. The user interface is implemented with an on-screen display that is available on the monitor for a short time.



15" LCD TFT display

Visible screen diagonal	38 cm
Graphics display (depends on graphics adapter)	
Pixels	1024 x 768, 32-bit
Pixels	800 x 600 (expanded)
Pixels	640 x 480 (expanded)
Text display (depends on graphics adapter)	
Pixels	720 x 400
Display size	307 x 228 mm
Frequencies	
Horizontally	30 - 61 kHz
Vertically	55 - 75 Hz
Brightness typical/minimum	250 cd/m ²
Contrast typical/minimum	300:1
Viewing angle typical/minimum	
Horizontally	130°
Vertically	110°
Plug and play	VESA DDC1/2B
Settings	
Brightness	
Contrast	
Skew (horizontally and vertically)	
Display size (horizontally and vertically)	
Color phase and color temperature	
Auto-setup and phase/frequency control	
OSD Language and position	
Electrical values	
Main power	110-240 V
Frequency	50-60 Hz
Power requirements	
Max.	30 W
Standby mode	< 3 W
Suspend mode	< 3 W
Off mode	< 3 W
Protection class	1
Temperatures, dimensions and weight	
Ambient temperature	
Recommended	15°C to 35°C
Limits	0°C to 40°C
Dimensions	
(H x W x D)	44 x 485 x 395mm (lowest position without rails)
Weight	Approx. 9.2 kg
Reliability	
MTBF	70,000 hours
Display life	50,000 hours (brightness 50% below starting value)

Keyboard

88 keys, intern./German, Microsoft® compatible
Integrated touchpad, double-click can be disabled

PRIMERGY RC22

19" tray
Takes up one height unit
Tray for keyboard and TFT display. Locks in place when pulled out

Compliance with norms and standards	
Product safety	
Global	IEC 60950
Europe	EN60950 Ergonomic, (EN) ISO 13406-2
USA / Canada	UL1950 CSA 22.2 No.950
Electromagnetic compatibility	
Europe	EN55022 Class B EN55024 61000-3-2 61000-3-3
Taiwan	
Japan	
Australia/New Zealand	
USA/Canada	
Conformity	
Europe (CE)	EU Directive: 89/336/EEC 73/23 EEC
North America	
Approvals	
Product safety	
Global	
Europe	CE
Germany	
USA/Canada	UL 60950 (old1950)
There is general compliance with the safety requirements of all European countries and North America. National approvals required in order to satisfy statutory regulations or for other reasons (e.g. for Canada and USA, East European countries, Norway) can be applied for on request.	
Electromagnetic compatibility	
Australia	
Taiwan	
Japan	